

ABSTRACT OF THE DISCLOSURE

5 The present invention relates to a method and an apparatus for
imaging a liquid-filling container in which a light emitting unit (2) is
provided for emitting and irradiating light onto the container (B) and a light
receiving unit (3) is provided for receiving the light transmitted through the
container. The object of the present invention is to provide such a method
and an apparatus for imaging a liquid-filling container which method and
apparatus assure reliable detection of the surface of liquid filled in a
10 container or of foreign substance mixed in the liquid or present in the
container or the container material not only when the container is
transparent, but also when the container is a colored container of a dark
color such as black, dark green or dark brown or the container has a frosted
surface or when the liquid filled in the container has a dark color. For
15 accomplishing this object, according to the present invention, the light
emitting unit (2) emits near infrared light or the light receiving unit (3)
receives near infrared light for imaging the container (B).